Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	59181	(((359/2).CQ.S.) or ((359/566).CQ.S.) or ((359/569).CQ.S.) or ((359/558).CQ.S.) or ((359/571).CQ.S.) or ((359/572).CQ.S.) or ((356/72).CQ.S.) or ((356/73.1).CQ.S.) or ((385/12).CQ.S.) or ((385/12).CQ.S.) or ((385/12).CQ.S.) or ((385/12).CQ.S.) or ((250/559.04).CQ.S.) or ((250/559.11).CQ.S.) or ((250/559.4).CQ.S.) or ((250/227.14).CQ.S.) or ((250/227.29).CQ.S.) or ((250/227.29).CQ.S.) or ((250/227.29).CQ.S.) or ((250/227.29).CQ.S.) or ((435/4).CQ.S.) or ((435/6).CQ.S.) or ((435/288.7).CQ.S.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TOB	OR	ON	2007/01/05 11:12
L2	164	1 and ((diffract\$ or bragg) near3 grating\$2) and cod\$3 and ((indi\$3 or inde\$3) near3 refract\$4) and scatter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	ON	2007/01/05 12:32
L3	102	1 and ((diffract\$ or bragg) near3 grating\$2) and cod\$3 and ((indi\$3 or inde\$3) near3 refract\$4) and (authenticat\$ or identif\$7) and (bead\$3 or particl\$2)	IBM_TOB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TOB	OR	ON	2007/01/05 12:52
L4	502	((diffract\$ or bragg) near3 grating\$2) and cod\$3 and ((indi\$3 or inde\$3) near3 refract\$4) and (authenticat\$ or identif\$7) and (bead\$3 or particl\$2) and substrat\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON .	2007/01/05 14:02
L5	411	4 and (chemical\$2 or assay\$3) and illuminat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 13:06
L6	8	(((diffract\$ or bragg) near3 grating\$2) and cod\$3 and ((indi\$3 or inde\$3) near3 refract\$4) and (authenticat\$ or identif\$7) and (bead\$3 or particl\$2) and substrat\$2).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2007/01/05 13:03
L7	26	(((diffract\$ or bragg) near3 grating\$2) and cod\$3 and ((indi\$3 or inde\$3) near3 refract\$4) and (authenticat\$ or identif\$7)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR .	ON	2007/01/05 13:03
L8	303	4 and (chemical\$2 or assay\$3) and illuminat\$ and scatter\$4 and optic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2007/01/05 13:07

110		//3:55	LUC DODIES	100		2007/24/27
L9	59	((diffract\$ or bragg) near3 grating\$2) and cod\$3 and ((indi\$3 or inde\$3) near3 refract\$4) and ((authenticat\$ or identif\$7) with (bead\$3 or particl\$2) with (chemical\$2 or assay\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/05 14:03
			: IBM_TDB			
S1	2	wo-9715690-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/01 11:43
			; IBM_TDB		-	
52	232	(359/2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
		,	IBW_LDB			
53	903	(359/566).Ca.S.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
		·	: IBM_TDB			
54	676	(359/569). <i>Ca</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
			IBM_TDB			
S5	325	(359/558).Cals.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
	·		IBW_TDB			
56	278	(359/571).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
			IBM_TDB			
S7	330	(359/572).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR .	OFF	2004/09/26 19:06
			IBM_TOB			
58	658	(356/72).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
		<u> </u>	IBW_LDB			

59	1888	(356/73.1).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR .	OFF	2004/09/26 19:07
		·	IBM_TDB			
S10	1385	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR .	OFF	2004/09/26 19:07
		·	IBM_TDB		·	
S11	820	(385/128).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
		·	IBM_TDB			
512	2621	(385/37).CQ.S.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
			IBW_TDB			
513	72	(250/559.04).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	2004/09/26 19:07
			DERWENT ;			
		·	IBW_LDB			
S14	55	(250/559.11). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
			; IBM_TDB			
S15	680	(250/559.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
			: IBM_TDB			
S16	629	(250/227.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
ŀ			: IBM_TDB			
S17	152	(250/227.29). <i>ca</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
1			IBM_TDB			

518	669	(250/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBW_LDB			
519	329	(250/568).CCLS.	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
520	203	(235/473).Cals.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
521	5177	(435/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
522	922	(435/288.7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB	-		
523	710	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.14).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/227.14).Cals.) or ((250/227.14).Cals.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TOB	OR	ON	2004/09/27 11:35
	575	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/268).CCLS.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ОИ	2004/09/27 11:35
S25	2	("5,089,387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:53
			IBM_TDB			

526	17759	((359/2).Ca.s.) or ((359/566).Ca.s.) or ((359/569).Ca.s.) or ((359/558).Ca.s.) or ((359/558).Ca.s.) or ((359/571).Ca.s.) or ((356/72).Ca.s.) or ((356/72).Ca.s.) or ((356/73.1).Ca.s.) or ((385/12).Ca.s.) or ((385/128).Ca.s.) or ((385/37).Ca.s.) or ((250/559.04).Ca.s.) or ((250/559.11).Ca.s.) or ((250/559.4).Ca.s.) or ((250/227.14).Ca.s.) or ((250/227.29).Ca.s.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	NO	2004/09/27 10:48
S27	298	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/227.14).CCLS.) or ((250/227.14).CCLS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:37
528	29	("4539507" "4833092" "5034613" "5136572" "5141671" "5214409" "5252962" "5257011" "5266926" "5351052" "5405709" "5409783" "5434878" "5438878" "5448582" "5503805" "5558904" "5565324" "5604097" "5641634" "5751629" "5770358" "5770455" "5840485" "5874214" "5903340" "5981180" "6043023" "6096494").PN.	USPAT	OR	ON .	2004/09/27 11:23
S29	26495	(435/6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/27 11:34
S30	168	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/227.29).CCLS.) or ((435/288.7).CCLS.) or ((250/227.29).CCLS.) or ((250	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TOB	CR	ON	2004/09/27 11:58
531	76	((((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/73.1).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.11).Cals.) or ((250/559.11).Cals.) or ((250/559.11).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/568).Cals.) or ((250/2473).Cals.) or ((435/4).Cals.) or ((435/473).Cals.) or ((435/4).Cals.) or ((435/473).Cals.) or ((435/4).Cals.) or ((435/473).Cals.) or ((435/4).Cals.) or ((4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ОИ	2004/09/27 12:03
532	154	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 12:12
			IBM_TDB			

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533	0	WO-02061429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 12:12
			IBW_TOB			
534	0	WO-0261429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 12:12
		•	IBM_TOB			
S35	0	WO-2002061429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	ON	2004/09/27 12:12
			IBM_TDB			
536	1	WO-200261429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 12:17
			IBM_TDB			
537		("20020127565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/27 12:18
			; IBM_TDB			
538	19	("4539507" "4833092" "5034613" "5136572" "5141671" "5214409" "5252962" "5257011" "5266926" "5351052" "5405709" "5409783" "5438878" "5448582" "5558904" "5565324" "5641634" "5751629" "5770455").PN.	USPAT	OR	ON	2004/09/27 13:28
539	85	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 14:28
			IBM_TDB			
S40	9	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/27 13:34
			IBM_TDB			
541	6	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 14:02
542	77	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/27 14:02
	, .		IBM_TDB			

543	333	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:04
			IBM_TDB			
544	234	((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 14:29
			IBM_TDB			
S45	241	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:31
1			IBM_TDB			
S46	66	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4) with (vary\$3 or varia\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:07
			IBM_TDB			
547	150	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:49
			; IBM_TDB			
548	2	((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:52
			; IBM_TDB			
549	32	grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-P6PUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:13
			IBM_TDB			.
S50	539	grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:14
			IBM_TDB		ĺ	
S51	61	((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:22
		·	IBM_TOB			
552	343	(((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
			: IBM_TDB			

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·S53	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and (refract\$ near3 ind\$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON .	2004/09/27
			IBM_TDB			
S54	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
			IBM_TDB			
S55	2	(((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:24
			: IBM_TDB			
S56	5	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or	US-PGPUB:	OR	ON	2004/09/27
		encod\$3 or cod\$3 or tag\$4 or label\$4)) and assay\$3	USPAT; EPO; JPO; DERWENT			18:25
			IBM_TDB			
S57	9	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:29
		·	IBM_TDB			
S58	93	((bragg or phase or fiber or hologra\$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 09:03
			: IBM_TDB			
S59 ⁻	37374	((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 12:27
			IBM_TOB			
560	4343	(((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 11:10
		identif\$))	IBW_LDB			
561		((((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
562	22407	((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 11:10
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2786	(((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))	US-P6PUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 11:11
249	((((bragg or phase or fiber or hologra\$ or volume) near3 grating) or ((period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 11:12
167547	(index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 11:22
		IBW_LDB		ŀ	
6664	((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 11:22
	,	IBM_TOB			
140	(((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract\$ near3 ind\$4) and (assay or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 11:40
		IBM_TDB			
1	("re37473").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 11:41
		; IBM TDB			j
1	("re37891").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 11:41
		; TDM TDD			
	("re33581").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 11:42
		; IBM_TDB		}	
76	(("3968476") or ("4011435") or ("4023010") or ("4053228") or ("4131337") or ("4386274") or ("4445229") or ("4560881") or ("4562157") or ("4647544") or ("4678752") or ("4685480") or ("4740688") or ("4748110") or ("4767719") or ("4816659") or ("4841140") or ("4877747") or ("4880752") or ("4882288") or ("4921805") or ("4931384") or ("4958376") or ("4992385") or ("5003600") or ("5033826") or ("5067155") or ("5081012") or ("5089387") or ("5095194") or ("5100238") or ("5115121") or ("5118608") or ("5138468") or ("5141848") or ("5144461") or	US-PEPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 11:59
	167547 6664 140	(period\$ with refract\$ with ind\$4 with grating) and ((particle or bead or microparticle) or microbead or micro?particle or microparticle or microbead or micro?particle or microparticle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)) 249 ((((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$1)) and (assay\$3 or combinator\$) ((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or microbead or micro?particle or microbead or micro?particle or microbead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) 6664 (((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or microbead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating 140 (((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or microbead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract\$ near3 ind\$4) and (assay or combinator\$) 1 ("re37891").PN. 1 ("re37891").PN. 1 ("re37891").PN. 1 ("re37891").PN. 1 ("re37891").PN. 1 ("addido") or ("468774") or ("4467875") or ("4688480") or ("4740880") or ("488774") or ("4687875") or ("498880") or ("4788100") or ("4887100") or ("4887750") or ("4888288") or ("4981800") or ("6887750") or ("4887100") or ("4887750") or ("4888288") or ("698988") or ("6903800") or ("6903800") or ("5033800") or ("50303800") or ("5033800") or ("50303800") or ("503000") or ("503000") or ("503000") or ("503000") or ("50000") or ("50000") or ("50000") or ("50000") or ("50000"	Geriads with refracts with ind\$4 with gratins)) and (foarticle or bead or microparticle or microbead or microparticle or m	(geriad\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or micropparticle or microbpact or microbp	((index) or address) with (particle or bead or microparticle or microbead or (micro) action of microparticle or microbead or (micro) (index) or address) with (particle or bead or microparticle or microbead or (micro near3 bead) or fiber or substrate or layer or identifs)) 249 ((((brags or phase or fiber or hologre\$ or volume) near3 grating) or (SERWENT) (((brags or phase or fiber or hologre\$ or volume) near3 grating) or (SP6PUB) (((brags or microbead or microparticle or microbead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) 107547 ((index) or address) with (particle or bead or microparticle or microbead or microparticle or microbead or microparticle or microbead or microparticle or microbead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating 140 (((index) or address) with (particle or bead or microparticle or microbead or microparticle or microbead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating 140 (((index) or address) with (particle or bead or microparticle or microbead or microparticle or microbead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating 140 (((index) or address) with (particle or bead or microparticle or microp

					1.	
572	97	(("5196350") or ("5200794") or ("5291006") or ("5291027") or ("5300764") or ("5310686") or ("5349442") or ("5352582") or ("5364797") or ("5374816") or ("5374818") or ("5394234") or ("5442433") or ("5448659") or ("5461528") or ("5461475") or ("5465176") or ("55468649") or ("5506674") or ("5514785") or ("5528045") or ("5547849") or ("5585639") or ("5607188") or ("5621515") or ("5627040") or ("5627663") or ("5633724") or ("57633790") or ("5736330") or ("5729365") or ("5736330") or ("5742432") or ("5799231") or ("576696") or ("57993502") or ("5799231") or ("5769657") or ("5824478") or ("5824478") or ("5824478") or ("5824478") or ("5824478") or ("5824478") or ("5824557") or ("5831698") or ("5837475") or ("5841555")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:18
573	4	(("5451528") or ("5712912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:19
<i>S</i> 74	96	(("5846737") or ("5874187") or ("5895750") or ("5922550") or ("5925562") or ("5925878") or ("5945679") or ("5986838") or ("5989923") or ("5998796") or ("6001510") or ("6017754") or ("6025129") or ("6025283") or ("6036807") or ("6043880") or ("6046925") or ("6049727") or ("6057107") or ("60676256") or ("6067167") or ("6067392") or ("6078048") or ("6087186") or ("6096496") or ("6097485") or ("6103535") or ("6118127") or ("6160240") or ("6160656") or ("6164548") or ("6165592") or ("6165648") or ("6194563") or ("6218194") or ("6221579") or ("6229635") or ("6292319") or ("6301047") or ("6304263") or ("6306587") or ("6309601") or ("6312961") or ("6313771") or ("6314220") or ("6319668")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:22
S75	72	(("6322932") or ("6329963") or ("6331273") or ("6352854") or ("6355198") or ("6371370") or ("6372428") or ("6399295") or ("6406841") or ("6406848") or ("6416714") or ("6417010") or ("6428707") or ("6428957") or ("6433849") or ("6436651") or ("6489606") or ("6496287") or ("6506342") or ("6515753") or ("6522406") or ("6524793") or ("6533183") or ("6560017") or ("6565770") or ("6592036") or ("6594421") or ("6609728") or ("6613581") or ("6618342") or ("6622916") or ("6689316") or ("6692912")).PN.	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:48
576	12	(("20020090650") or ("20030129654") or ("20020022273") or ("20030138208") or ("20030032203") or ("20030021003")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:52
577	4	(("5671308") or ("6340588")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:52
S78	4262	(436/518).Ca.s	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:59

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S80 S24 (436/525),CQ.S. U.S.PEPUB. U.S.PEPUB. U.S.PAT. U.S.OCR. EPO. JPO. DERWENT I.S. I.S. I.S. I.S. I.S. I.S. I.S. I.S	S79	742	(436/524).CaLs.	USPAT; USOCR; EPO; JPO;	OR	OFF	1
S81 627 (436/526).CQ.S. IBM_TD8 US-F6PUB: USPAT: USOCR: EPC. IPC. DERWENT IBM_TD8 USPAT: USOCR: EPC. IPC. DERWENT IBM_TD8 USPAT: USOCR: EPC. IPC. DERWENT IBM_TD8 USPAT: USOCR: EPC. IPC. IPC. DERWENT IBM_TDB USPAT: USOCR: EPC. IPC. IPC. DERWENT IBM_TD8 USPAT: EPC. IPC. IPC. IPC. DERWENT IBM_TD8 USPAT: EPC. IPC. IPC. IPC. IPC. IPC. IPC. IPC. DERWENT IBM_TD8 USPAT: EPC. IPC. IPC. IPC. IPC. IPC. IPC. IPC. I	580	524	(436/525).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR .	OFF	
S82 786 (436/527).CCLS. US-P6PUB; USPAT; USOCR; EPC; IPC; DERWENT IBM_TDB US-P6PUB; USPAT; USOCR; EPC; IPC; DERWENT USOCR; EPC; IPC; IPC; IRC USPAT; EPC; IPC; IPC; IPC; IRC USPAT; EPC; IPC; IPC; IRC USPAT; EPC; IPC; IPC; IRC USPAT; EPC; IPC; IPC; IPC; IPC; IPC; IPC; IPC; I	S81	627	(436/526).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR		
S82 786 (436/527).CCLS. US-P6PUB; USPAT; USOCR; EPC; IPC; DERWENT IBM_TDB US-P6PUB; USPAT; USOCR; EPC; IPC; DERWENT USOCR; EPC; IPC; IPC; IRC USPAT; EPC; IPC; IPC; IPC; IRC USPAT; EPC; IPC; IPC; IRC USPAT; EPC; IPC; IPC; IRC USPAT; EPC; IPC; IPC; IPC; IPC; IPC; IPC; IPC; I				TRM TOR			
S83 940 (436/528).CCL.S. U.S.P.GPUB; U.S.PAT; U.S.O.C.; EPO; JPO; DERWENT 1346 (436/531).CCL.S.) or ((436/524).CCL.S.) or ((436/525).CCL.S.) or ((436/526).CCL.S.) or ((436/521).CCL.S.) o	S82	786	(436/527).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	
USPAT: USOCR: EPO; JPO; DERWENT 12:59 12:59 12:59 12:59 12:59 12:59 12:59 12:59 12:59 12:59 12:59 13:49 13:49 12:59 12				IBM_TDB	ĺ		
1346 (436/531).Ca.S. US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-P6PUB; USPAT; US-P6PUB; USPAT; US-P6PUB; USPAT; US-P6PUB; USPAT; IBM_TDB US-P6PUB; US	S83	940	(436/528).CCLS.	USPAT; USOCR; EPO; JPO;	OR	OFF	1
1346 (436/531).Ca.S. US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-P6PUB; USPAT; US-P6PUB; USPAT; US-P6PUB; USPAT; US-P6PUB; USPAT; IBM_TDB US-P6PUB; US				IBM TOB			
585 6123 ((436/518).Cal.s.) or ((436/524).Cal.s.) or ((436/525).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/527).Cal.s.) or ((436/528).Cal.s.) or ((436/531).Cal.s.) 586 144 ((((436/518).Cal.s.) or ((436/524).Cal.s.) or ((436/525).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/531).Cal.s.)) and grating) and (refract\$ near3 ind\$4) 587 226 (((436/518).Cal.s.) or ((436/524).Cal.s.) or ((436/528).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/527).Cal.s.) or ((436/528).Cal.s.) or ((436/528).Cal.s.) or ((436/526).Cal.s.) or ((436/527).Cal.s.) or ((436/528).Cal.s.) or (S84	1346	(436/531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	
585 6123 ((436/518).Cal.s.) or ((436/524).Cal.s.) or ((436/525).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/527).Cal.s.) or ((436/528).Cal.s.) or ((436/531).Cal.s.) 586 144 ((((436/518).Cal.s.) or ((436/524).Cal.s.) or ((436/525).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/531).Cal.s.)) and grating) and (refract\$ near3 ind\$4) 587 226 (((436/518).Cal.s.) or ((436/524).Cal.s.) or ((436/528).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/526).Cal.s.) or ((436/527).Cal.s.) or ((436/528).Cal.s.) or ((436/528).Cal.s.) or ((436/526).Cal.s.) or ((436/527).Cal.s.) or ((436/528).Cal.s.) or (TRM TOR			
S86 ((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or (US-P6PUB; USPAT; EPO; JPO; USPAT; ((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/525).CCLS.) or ((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/531).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/531).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/531).CCLS.) or ((436/531).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/531)	S85	6123	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	US-PGPUB; USPAT; EPO; JPO;	OR	ON	
S86 ((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or (US-P6PUB; USPAT; EPO; JPO; USPAT; ((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/525).CCLS.) or ((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/531).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/531).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/531).CCLS.) or ((436/531).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/531)				IBW_TDB			
587 226 (((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or (US-P6PUB; OR USPAT; ((436/531).CCLS.)) and grating USPAT; EPO; JPO; ON 13:49	586	144	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	US-PGPUB; USPAT; EPO; JPO;	OR	ON	1
587 226 (((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or (US-P6PUB; OR USPAT; ((436/531).CCLS.)) and grating USPAT; EPO; JPO; ON 13:49				IBW_TDB			
	587	226	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	US-PGPUB; USPAT; EPO; JPO;	OR	ON	
IBM_TDB				IBM TOR			.

588	442	(modulat\$ with refract\$ with ind\$4 with grating) and (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 13:51
589	34	(modulat\$ with refract\$ with ind\$4 with grating) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	0N	2004/09/29 09:49
590		WO-9636436-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/29 09:58
591	120	(LED or (light near3 emi\$5 near3 diode)) same bragg same (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/29 09:59

592	18	((US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$ or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or	US-PGPUB; USPAT;	OR	ON	2004/09/29 12:15
ļ		US-6483096-\$ or US-6436651-\$ or US-6434298-\$ or US-6399295-\$	EPO; JPO;		ŀ	
		or US-6395558-\$ or US-6350413-\$ or US-6317528-\$ or US-6312961-\$	DERWENT			
		or US-6289144-\$ or US-6078705-\$ or US-6035082-\$ or	:			
		US-6005691-\$ or US-5994150-\$ or US-5961924-\$ or US-5832165-\$ or	IBM_TDB			
		US-5822472-\$ or US-5814565-\$ or US-5745615-\$ or US-5646400-\$).	_			
ı		did. or (US-5455178-\$ or US-5446534-\$ or US-5210404-\$ or				
		US-5172250-\$ or US-5113286-\$ or US-5082629-\$ or US-4892385-\$		•		
		or US-4815843-\$ or US-4767719-\$ or US-4576439-\$ or				
		US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or US-5565324-\$				
		or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or				
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or				
		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$		ļ		
1		or US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				
		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or				
l		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$				
ľ		or US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or				
		US-4876208-\$ or US-6093536-\$ or US-5100238-\$ or US-4647544-\$			ŀ	
		or US-6437345-\$ or US-5922550-\$ or US-RE33581-\$ or				
		US-5118608-\$ or US-5081012-\$ or US-5003600-\$ or US-4931384-\$ or		, i		
ł		US-4880752-\$ or US-4023010-\$ or US-4011435-\$ or US-5742432-\$).				
		did. or (US-5729365-\$ or US-5506674-\$ or US-5442433-\$ or				
		US-5394234-\$ or US-5374816-\$ or US-5300764-\$ or US-5291027-\$				
		or US-6314220-\$ or US-6292282-\$ or US-6221579-\$ or			1	
		[•] US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or US-5925878-\$				
		or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or				
- 1		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or				
ŀ		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or				
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or				
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				
-		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
- 1		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or			Ì	
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		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or				· ·
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- 1		US-20030207255-\$ or US-20030207254-\$ or US-20030207253-\$ or			1	
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-		US-20030026891-\$ or US-20030017580-\$ or US-20020192680-\$ or			į	
ı		US-20020168295-\$ or US-20020025534-\$ or US-20040145752-\$ or				
		US-20030068657-\$ or US-20030124599-\$).did. or				
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		US-20030077660-\$ or US-20030162296-\$ or US-20030142713-\$ or				
	Ī	US-20030142704-\$ or US-20040053295-\$ or US-20040046128-\$ or				
	1	US-20030207328-\$ or US-20030157731-\$ or US-20030148542-\$ or	l			
	l	US-20030132406-\$ or US-20030082587-\$ or US-20020104762-\$ or	ļ			
		US-20020090613-\$ or US-20040063146-\$ or US-20030207256-\$ or	i			
	j	US-20020034457-\$ or US-20020022273-\$ or US-20010031503-\$).did.				
- 1		or (WO-9636436-\$).did. or (US-20020127565-\$).did.) and (magnet\$	l			
- 1	ŀ	same (orient\$ or align\$))				

593	60	((US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$ or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or	US-PGPUB; USPAT:	OR	ON	2004/09/29 12:54
ı				ľ	- 1	12:54
- 1		US-6483096-\$ or US-6436651-\$ or US-6434298-\$ or US-6399295-\$	EPO; JPO;	1		
		or US-6395558-\$ or US-6350413-\$ or US-6317528-\$ or US-6312961-\$	DERWENT	[İ	
		or US-6289144-\$ or US-6078705-\$ or US-6035082-\$ or	:			
	•	US-6005691-\$ or US-5994150-\$ or US-5961924-\$ or US-5832165-\$ or	IBW_TDB	ŀ		
		US-5822472-\$ or US-5814565-\$ or US-5745615-\$ or US-5646400-\$).			- [
		did. or (US-5455178-\$ or US-5446534-\$ or US-5210404-\$ or				
Ī		US-5172250-\$ or US-5113286-\$ or US-5082629-\$ or US-4892385-\$				
		or US-4815843-\$ or US-4767719-\$ or US-4576439-\$ or				
		US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or US-5565324-\$				
		or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or	Ì			
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or				•
Ī		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$				
		or US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				
		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or				
		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$				
- 1		or US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or				
		US-4876208-\$ or US-6093536-\$ or US-5100238-\$ or US-4647544-\$				
		or US-6437345-\$ or US-5922550-\$ or US-RE33581-\$ or				
- 1		US-5118608-\$ or US-5081012-\$ or US-5003600-\$ or US-4931384-\$ or				
		US-4880752-\$ or US-4023010-\$ or US-4011435-\$ or US-5742432-\$).				
	•					
		did. or (US-5729365-\$ or US-5506674-\$ or US-5442433-\$ or			İ	Í
- 1		US-5394234-\$ or US-5374816-\$ or US-5300764-\$ or US-5291027-\$				
- 1		or US-6314220-\$ or US-6292282-\$ or US-6221579-\$ or				
- 1		US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or US-5925878-\$				
-		or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or			1	
		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or			1	
		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or				
	Ì	US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or				
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				1
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or			İ	
		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or				ľ
	i	US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or				
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or				
- 1		US-20030207258-\$).did. or (US-20030207257-\$ or			ł	
I		US-20030207255-\$ or US-20030207254-\$ or US-20030207253-\$ or				
	İ	US-20030113766-\$ or US-20030104390-\$ or US-20030059855-\$ or				
		US-20030032039-\$ or US-20030027328-\$ or US-20030027327-\$ or				
		US-20030017581-\$ or US-20020028451-\$ or US-20010004526-\$ or				1
		US-20030049620-\$ or US-20020155507-\$ or US-20040151626-\$ or				
		US-20040132214-\$ or US-20040132205-\$ or US-20030092075-\$ or	İ			
		US-20030026891-\$ or US-20030017580-\$ or US-20020192680-\$ or	ļ			
	i	US-20020168295-\$ or US-20020025534-\$ or US-20040145752-\$ or				
			i			
	ĺ	US-20030068657-\$ or US-20030124599-\$).did. or	ł			
1		(US-20040175843-\$ or US-20040175842-\$ or US-20030129654-\$ or			1	,
	1	US-20030077660-\$ or US-20030162296-\$ or US-20030142713-\$ or			1	1
	l	US-20030142704-\$ or US-20040053295-\$ or US-20040046128-\$ or				
		US-20030207328-\$ or US-20030157731-\$ or US-20030148542-\$ or				
		US-20030132406-\$ or US-20030082587-\$ or US-20020104762-\$ or				1
	j	US-20020090613-\$ or US-20040063146-\$ or US-20030207256-\$ or			1	
		US-20020034457-\$ or US-20020022273-\$ or US-20010031503-\$).did.			1	
		or (WO-9636436-\$).did. or (US-20020127565-\$).did.) and (low\$5 with			1	
- 1		refract\$ with ind\$4)	l		1	1

594	29	((US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$ or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or	US-PGPUB; USPAT:	OR	ON	2004/09/29
		US-6483096-\$ or US-6436651-\$ or US-6434298-\$ or US-6399295-\$				12:56
		l ' '	EPO; JPO;		İ	
		or US-6395558-\$ or US-6350413-\$ or US-6317528-\$ or US-6312961-\$ or US-6289144-\$ or US-6078705-\$ or US-6035082-\$ or	DERWENT	1		
			7044 700			` ·
		US-6005691-\$ or US-5994150-\$ or US-5961924-\$ or US-5832165-\$ or	IBW_TDB	Ī	-	1
		US-5822472-\$ or US-5814565-\$ or US-5745615-\$ or US-5646400-\$).				
		did. or (US-5455178-\$ or US-5446534-\$ or US-5210404-\$ or			1	
		US-5172250-\$ or US-5113286-\$ or US-5082629-\$ or US-4892385-\$		}		1
		or US-4815843-\$ or US-4767719-\$ or US-4576439-\$ or				
		US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or US-5565324-\$				
		or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or				
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or		[
		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$				
		or US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				İ
		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or				
		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$				
		or US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or				
		US-4876208-\$ or US-6093536-\$ or US-5100238-\$ or US-4647544-\$				· ·
		or US-6437345-\$ or US-5922550-\$ or US-RE33581-\$ or				
		US-5118608-\$ or US-5081012-\$ or US-5003600-\$ or US-4931384-\$ or				1
		US-4880752-\$ or US-4023010-\$ or US-4011435-\$ or US-5742432-\$).				ľ
		did. or (US-5729365-\$ or US-5506674-\$ or US-5442433-\$ or				İ
		US-5394234-\$ or US-5374816-\$ or US-5300764-\$ or US-5291027-\$			ı	i
ŀ		or US-6314220-\$ or US-6292282-\$ or US-6221579-\$ or				
1		US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or US-5925878-\$				
		or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or				
		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or				
		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or				
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or				
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or				
		US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or				
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or				
1		US-20030207258-\$).did. or (US-20030207257-\$ or				
l		US-20030207255-\$ or US-20030207254-\$ or US-20030207253-\$ or				
		US-20030113766-\$ or US-20030104390-\$ or US-20030059855-\$ or				
- 1	i	US-20030032039-\$ or US-20030027328-\$ or US-20030027327-\$ or				
- 1		US-20030017581-\$ or US-20020028451-\$ or US-20010004526-\$ or				
		US-20030049620-\$ or US-20020155507-\$ or US-20040151626-\$ or				
		US-20040132214-\$ or US-20040132205-\$ or US-20030092075-\$ or			1	
	j	US-20030026891-\$ or US-20030017580-\$ or US-20020192680-\$ or				
	l	US-20020168295-\$ or US-20020025534-\$ or US-20040145752-\$ or				
İ		US-20030068657-\$ or US-20030124599-\$).did. or			1	
	l	(US-20040175843-\$ or US-20040175842-\$ or US-20030129654-\$ or				
	l	US-20030077660-\$ or US-20030162296-\$ or US-20030142713-\$ or				•
		US-20030142704-\$ or US-20040053295-\$ or US-20040046128-\$ or				
	l	US-20030207328-\$ or US-20030157731-\$ or US-20030148542-\$ or				
		US-20030132406-\$ or US-20030082587-\$ or US-20020104762-\$ or				
ļ		US-20020090613-\$ or US-20040063146-\$ or US-20030207256-\$ or				
		US-20020034457-\$ or US-20020022273-\$ or US-20010031503-\$).did.				
j		or (WO-9636436-\$).did. or (US-20020127565-\$).did.) and (low\$5 with				
ſ		refract\$ with ind\$4 with grating)				

	175	(US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$	US-PGPUB;	OR	OFF	2004/09/30
- 1		or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or	USPAT;			13:13
l		US-6483096-\$ or US-6436651-\$ or US-6434298-\$ or US-6399295-\$	EPO;			
		or US-6395558-\$ or US-6350413-\$ or US-6317528-\$ or US-6312961-\$	DERWENT			
		or US-6289144-\$ or US-6078705-\$ or US-6035082-\$ or				
		US-6005691-\$ or US-5994150-\$ or US-5961924-\$ or US-5832165-\$ or			1	
		US-5822472-\$ or US-5814565-\$ or US-5745615-\$ or US-5646400-\$).				
j		did. or (US-5455178-\$ or US-5446534-\$ or US-5210404-\$ or			1	i
		US-5172250-\$ or US-5113286-\$ or US-5082629-\$ or US-4892385-\$				
		or US-4815843-\$ or US-4767719-\$ or US-4576439-\$ or				
Ì		US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or US-5565324-\$				
		or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or				
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or				
- 1		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$				
		or US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or			1	
		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or			İ	ł
		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$			l l	
-		or US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or				
- 1		US-4876208-\$ or US-6093536-\$ or US-5100238-\$ or US-4647544-\$				
		or US-6437345-\$ or US-5922550-\$ or US-RE33581-\$ or				
		US-5118608-\$ or US-5081012-\$ or US-5003600-\$ or US-4931384-\$ or				
		US-4880752-\$ or US-4023010-\$ or US-4011435-\$ or US-5742432-\$).				
		did. or (US-5729365-\$ or US-5506674-\$ or US-5442433-\$ or				
- 1		US-5394234-\$ or US-5374816-\$ or US-5300764-\$ or US-5291027-\$				
		or US-6314220-\$ or US-6292282-\$ or US-6221579-\$ or				
	0.	US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or US-5925878-\$				
		or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or				
		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or				
- 1		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or				
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or				1
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				1
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or				
1	-	US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or			1	
- 1	Ì	US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or			1	
	ľ	US-20030207258-\$).did. or (US-20030207257-\$ or				
		US-20030207255-\$ or US-20030207254-\$ or US-20030207253-\$ or				
		US-20030113766-\$ or US-20030104390-\$ or US-20030059855-\$ or US-20030032039-\$ or US-20030027328-\$ or US-20030027327-\$ or	ľ			
		US-20030017581-\$ or US-20020028451-\$ or US-20010004526-\$ or	İ			1
		US-20030049620-\$ or US-20020155507-\$ or US-20040151626-\$ or	J		1	
		US-20040132214-\$ or US-20040132205-\$ or US-20030092075-\$ or				
		US-20030026891-\$ or US-20030017580-\$ or US-20020192680-\$ or	}			1
- 1		US-20020168295-\$ or US-20020025534-\$ or US-20040145752-\$ or				1
	1	US-20030068657-\$ or US-20030124599-\$).did. or]	
		(US-20040175843-\$ or US-20040175842-\$ or US-20030129654-\$ or				1
		US-20030077660-\$ or US-20030162296-\$ or US-20030142713-\$ or				i
	į	US-20030142704-\$ or US-20040053295-\$ or US-20040046128-\$ or				1
		US-2003014270445 or US-200400032595 or US-20040046128-\$ or US-20030148542-\$ or				
		US-20030132406-\$ or US-20030082587-\$ or US-20020104762-\$ or	ļ		1	
		US-20020090613-\$ or US-20040063146-\$ or US-20030207256-\$ or				
		US-20020034457-\$ or US-20020022273-\$ or US-20010031503-\$).did.	1			i
		or (WO-9636436-\$).did. or (US-20020127565-\$).did.				

					
596	or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or US-6493096-\$ or US-6493096-\$ or US-6493651-\$ or US-6493096-\$ or US-6395558-\$ or US-637051-\$ or US-63705558-\$ or US-6370558-\$ or US-6289144-\$ or US-5994150-\$ or US-5961924-\$ or US-5832165-\$ or US-5822472-\$ or US-591926-\$ or US-5961924-\$ or US-582165-\$ or US-58262472-\$ or US-5814565-\$ or US-5961924-\$ or US-5832165-\$ or US-58262472-\$ or US-5814565-\$ or US-5961924-\$ or US-5842653-\$ or US-582629-\$ or US-4892385-\$ or US-4815843-\$ or US-546534-\$ or US-5210404-\$ or US-5172250-\$ or US-5113286-\$ or US-5876439-\$ or US-4892385-\$ or US-4815843-\$ or US-5903340-\$ or US-5770455-\$ or US-5565324-\$ or US-6365907-\$ or US-5903340-\$ or US-567663-\$ or US-5691054-\$ or US-5903340-\$ or US-56268222-\$ or US-5659673-\$ or US-636133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or US-6368282-\$ or US-6280935-\$ or US-628022-\$ or US-6251691-\$ or US-6352828-\$ or US-6280935-\$ or US-628022-\$ or US-6251691-\$ or US-635475-\$ or US-6260935-\$ or US-6687655-\$ or US-5793485-\$ or US-635475-\$ or US-62608519-\$ or US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$ or US-5780231-\$ or US-6093536-\$ or US-6087655-\$ or US-5793485-\$ or US-6437345-\$ or US-5093536-\$ or US-8233581-\$ or US-4647544-\$ or US-5447345-\$ or US-5093536-\$ or US-8233581-\$ or US-5742432-\$). did. or (US-5729365-\$ or US-6292282-\$ or US-6241679-\$ or US-5742433-\$ or US-5394234-\$ or US-636075-\$ or US-64071335-\$ or US-5742432-\$). did. or (US-5729365-\$ or US-6292282-\$ or US-6241679-\$ or US-5925878-\$ or US-6314220-\$ or US-6346376-\$ or US-5040017926-\$ or US-5925878-\$ or US-608718-\$ or US-50030133640-\$ or US-2004017926-\$ or US-2004017926-\$ or US-2004017926-\$ or US-2004017926-\$ or US-2004017926-\$ or US-2004017926-\$ or US-2004017926-\$ or US-2004017926-\$ or US-2004017926-\$ or US-2004017926-\$ or US-2003017584-\$ or US-20030027255-\$ or US-20030027255-\$ or US-20030027255-\$ or US-20030027255-\$ or US-20030027255-\$ or US-20030027255-\$ or US-20030027255-\$ or US-20030027255-\$ or US-20030027255-\$ or US-20030027255-\$ or US-20030027255-\$ or US-20030027255	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/30 13:19
	US-20030132406-\$ or US-20030187/31-\$ or US-20020148542-\$ or US-20030132406-\$ or US-20030082587-\$ or US-20020104762-\$ or US-20020090613-\$ or US-20040063146-\$ or US-20030207256-\$ or US-20020034457-\$ or US-20020022273-\$ or US-20010031503-\$).did. or (WO-9636436-\$).did. or (US-20020127565-\$).did.) and split and pool	İ	÷		
597 394	'	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2004/09/30 13:20
5104 2	("6692031").PN.	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 17:16
		IBW_LOB			

						,
5105	646	((((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.14).Cals.) or ((2	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	07	2005/05/05 19:00
5106	337	(((359/2).Cal.s.) or ((359/566).Cal.s.) or ((359/569).Cal.s.) or ((359/558).Cal.s.) or ((359/571).Cal.s.) or ((359/572).Cal.s.) or ((356/72).Cal.s.) or ((356/73.1).Cal.s.) or ((385/12).Cal.s.) or ((385/128).Cal.s.) or ((385/128).Cal.s.) or ((250/559.04).Cal.s.) or ((250/559.11).Cal.s.) or ((250/559.4).Cal.s.) or ((250/227.14).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.29).Cal.s.) or ((250/227.14).Cal.s.) or ((250/2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2005/05/05 19:01
5107	193	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((385/12).Cals.) or ((385/12).Cals.) or ((385/12).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/227.14).Cals.) or ((250/227.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TOB	OR	ON	2005/05/05 19:01
5108	. 84	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/73.1).Cals.) or ((250/559.04).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/227.14).Cals.) or ((25	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2005/05/05 19:01
5109	174	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/05 19:01
S110	97	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 19:01
S111	11	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	02	2005/05/05 19:01

S112	. 8	((435/6).CQLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2005/05/05 19:02
5113	89	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	IBM_TOB US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2005/05/05
S114	150	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	IBM_TDB US-P6PUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/05 19:02
S115	246	(((436/518).CQ.S.) or ((436/524).CQ.S.) or ((436/525).CQ.S.) or ((436/526).CQ.S.) or ((436/526).CQ.S.) or ((436/531).CQ.S.)) and grating	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/05 19:03
S116	6	(("20040247229") or ("20040247486") or ("20040197816")).PN.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 19:56
5117	. 28	(optic\$4 near4 (vary\$4 or varia\$4) near4 (device or element)) same hologra\$ same embed\$; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/05 20:00
5118	16	(optic\$4 near4 (vary\$4 or varia\$4) near4 (device or element)) and (hologra\$ same embed\$ same substrate)	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR ·	ON	2005/05/05 20:01
S119	47	(("20020039732") or ("20030077038") or ("3891302") or ("3916182") or ("4725110") or ("4807950") or ("5367588") or ("5388173") or ("5559613") or ("5745815") or ("5981166") or ("6096596") or ("6159748") or ("6160656") or ("6174648") or ("6156501") or ("6355432") or ("6403320") or ("6416952") or ("6440667") or ("6576424") or ("6544739") or ("6576424") or ("6646243") or ("4537504") or	: IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/12/20 15:05
S120	90	("5633975")).PN. (((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/558).Cals.) or ((359/572).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/268).Cals.) or ((250/227.29).Cals.) or ((250/268).Cals.) or ((235/473).Cals.) or ((435/4).Cals.) or ((435/4).Cals.) or ((435/4).Cals.) or ((50/227.29).Cals.) or (US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 15:34

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S121	113	(((435/6).CCL.S.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2005/12/20 15:34
5122	· 13	((435/6).CQLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/20 15:34
5123	210	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/73.1).Cals.) or ((385/12).Cals.) or ((356/73.1).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/227.29).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/227.29).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/227.29).Cals.) or ((250/250/227.29).Cals.) or ((250/250/	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ОИ	2005/12/20 15:34
5124	9	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/20 15:34
S125	108	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 15:35
S126		((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 15:35
S127	370	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((359/572).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.14).Cals.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TOB	OR	02	2005/12/20 15:35
S128	164	((((436/518).CQLS.) or ((436/524).CQLS.) or ((436/525).CQLS.) or ((436/526).CQLS.) or ((436/526).CQLS.) or ((436/531).CQLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/12/20 15:35
			IBW_LDB			

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5129	717	((((359/2).CQLS.) or ((359/566).CQLS.) or ((359/569).CQLS.) or ((359/558).CQLS.) or ((359/571).CQLS.) or ((359/572).CQLS.) or ((356/72).CQLS.) or ((356/73.1).CQLS.) or ((385/12).CQLS.) or ((385/128).CQLS.) or ((385/128).CQLS.) or ((250/559.04).CQLS.) or ((250/559.11).CQLS.) or ((250/559.4).CQLS.) or ((250/227.14).CQLS.) or ((250/227.29).CQLS.) or ((250/566).CQLS.) or ((250/227.29).CQLS.) or ((250/568).CQLS.) or ((250/227.29).CQLS.) or ((250/568).CQLS.) or ((250/227.14).CQLS.) or ((250/227.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TOB	OR	ON	2005/12/20 15:35
5130	273	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 15:35
S131	1717	(((bragg or diffract\$) with grating) same (refract\$ near3 ind\$4)) and ((scatter\$ or diffract\$ or reflect\$) with (beam or light)) and chemical	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2005/12/20 17:51
5132	400	S131 and substrate and embed\$	US-PGPUB; US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/20 17:50
S133	60	(((bragg or diffract\$) with grating) same (refract\$ near3 ind\$4) same embed\$) and ((scatter\$ or diffract\$ or reflect\$) with (beam or light)) and chemical and substrate	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/20 18:04
S134	91	(((bragg or diffract\$) near4 grating) with (refract\$ near3 ind\$4)) and ((scatter\$ or diffract\$ or reflect\$) with (beam or light)) and chemical and substrate and code	US-PGPUB; US-PGTUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/20 18:18
S135	7	((((bragg or diffract\$) near4 grating) with (refract\$ near3 ind\$4)) and chemical and substrate and code).clm.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ОИ	2005/12/20 18:20
S136	7	((((bragg or diffract\$) near4 grating) with (refract\$ near3 ind\$4)) and chemical and code).clm.	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/20 18:20
S137	2	("5745615").PN.	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	OFF	2005/12/22 17:08
S138	2	("6035082").PN.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 17:14
			IBM_TDB			

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5139	2	("6542673").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/22 17:15
			IBM_TDB			
S140	108	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/31).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/227.29).CCLS.) or ((250/568).CCLS.) or ((250/227.14).CCLS.) or ((250/227.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 11:11
5141	14	element or species or assay or ion or molecule or atom\$2)) ((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/08/04 18:23
5142	135	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR .	ÓN	2006/08/04 18:24
			IBW_TDB			
S143	9	((435/6).CCL5.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 18:24
5144	131	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 18:24
S145	239	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/73.1).Cals.) or ((385/12).Cals.) or ((385/12).Cals.) or ((385/12).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((435/288.7).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/259.29).Cals.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 18:24
5146	231	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2006/08/04 18:24
S147	185	((((436/518).CQ.S.) or ((436/524).CQ.S.) or ((436/525).CQ.S.) or ((436/526).CQ.S.) or ((436/526).CQ.S.) or ((436/526).CQ.S.) or ((436/531).CQ.S.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 18:25
			IBM_TDB			

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S148	302	(((436/518).CQLS.) or ((436/524).CQLS.) or ((436/525).CQLS.) or ((436/526).CQLS.) or ((436/528).CQLS.) or ((436/531).CQLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2006/08/04 18:25
			IBW_TDB]		
S149	413	(((359/2).Cal.s.) or ((359/566).Cal.s.) or ((359/569).Cal.s.) or ((359/558).Cal.s.) or ((359/572).Cal.s.) or ((359/572).Cal.s.) or ((356/72).Cal.s.) or ((356/72).Cal.s.) or ((356/72).Cal.s.) or ((356/72).Cal.s.) or ((356/72).Cal.s.) or ((356/72).Cal.s.) or ((250/559.04).Cal.s.) or ((250/559.11).Cal.s.) or ((250/559.4).Cal.s.) or ((250/227.14).Cal.s.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 18:25
		((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	IBM_TDB			
S150	813	((((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/572).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/73.1).Cals.) or ((385/12).Cals.) or ((385/128).Cals.) or ((385/128).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/Ò8/04 18:25
S151	114	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/572).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/568).Cals.) or ((250/227.29).cals.) or ((435/473).Cals.) or ((435/473).Cals.) or ((435/473).Cals.)) and (((binagg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 19:55
S152	16	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 19:55
S153	156	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR .	ON	2007/01/04 19:55
S154	10	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2007/01/04 19:55
S155	150	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 19:55

S156	253	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or	US-PGPUB; USPAT;	OR	ON	2007/01/04 19:55
		((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or	EPO; JPO; DERWENT			17.00
		((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	IBM_TD8			
S157	264	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2007/01/04 19:55
CIEO	207	/// / / / / / / / / / / / / / / / / /	IBM_TOB			
S158	207	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 19:55
		•	IBW_TOB			
S159	330	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 19:56
			IBM_TDB			
5160	443	(((359/2).Cal.s.) or ((359/566).Cal.s.) or ((359/569).Cal.s.) or ((359/558).Cal.s.) or ((359/571).Cal.s.) or ((359/572).Cal.s.) or ((356/72).Cal.s.) or ((356/73.1).Cal.s.) or ((385/12).Cal.s.) or ((385/128).Cal.s.) or ((385/37).Cal.s.) or ((250/559.04).Cal.s.) or ((250/559.11).Cal.s.) or ((250/559.4).Cal.s.) or ((250/227.14).Cal.s.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 19:56
		((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	IBM_TOB			
S161	874	((((359/2).Cal.s.) or ((359/566).Cal.s.) or ((359/569).Cal.s.) or ((359/558).Cal.s.) or ((359/571).Cal.s.) or ((359/572).Cal.s.) or ((356/72).Cal.s.) or ((356/72).Cal.s.) or ((356/72).Cal.s.) or ((385/12).Cal.s.) or ((385/128).Cal.s.) or ((385/128).Cal.s.) or ((250/559.04).Cal.s.) or ((250/559.11).Cal.s.) or ((250/559.4).Cal.s.) or ((250/227.14).Cal.s.) or ((250/227.29).Cal.s.) or ((250/228).C	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 19:56
		((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)				